

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB130230

ANALYST: Nikita
 SUPERVISOR REVIEW BY: Iwona
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W3050
Starch Solution, 4L	W2977

Seq	Lab ID	True Value (mg/l)	DF	Initial Volume (mL)	Final Volume (mL)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB160105BL		1	50	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	04/09/2024	12:00
2	P1976-01		1	50	50	2.00	0.00	1.86	1.86	0.14	0.04	0.32	04/09/2024	12:03
3	P1976-01DUP		1	50	50	2.00	0.00	1.86	1.86	0.14	0.04	0.32	04/09/2024	12:06
4	P2019-01		1	50	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	04/09/2024	12:09
5	P2025-03		1	50	50	2.00	0.00	1.88	1.88	0.12	0.02	0.16	04/09/2024	12:12

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume